

PHOTOELECTRIC CONVERSION DEVICE AND
METHOD OF PRODUCTION THEREOF

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enter
substitute
specification
FD
4/15/04

This is a divisional application of Application
5 No. 09/665,983, filed September 20, 2000.

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a photoelectric
10 conversion device and a method of producing the device,
and more particularly, to a photoelectric conversion
device comprising at least an electron acceptive charge
transfer layer, an electron donative charge transfer
layer, and a light absorption layer formed between
15 these charge transfer layers and a method of producing
the device.

Related Background Art

A solar cell utilizing a semiconductor junction of
silicon, gallium arsenide or the like is generally
20 known as a method of converting light energy into
electric energy. A crystal silicon solar cell and a
polycrystalline silicon solar cell utilizing a p-n
junction of a semiconductor, and an amorphous silicon
solar cell utilizing a p-i-n junction of a
25 semiconductor have been developed for practical
application. However, since the production cost of a
silicon solar cell is relatively high and much energy